

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : D. Amnon Silverstein Art Unit : 2612
Serial No. : 09/484,667 Examiner : Rosendale, Matthew L.
Filed : Jan. 18, 2000
Title : POINTING DEVICE FOR DIGITAL CAMERA DISPLAY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXHIBIT D

RECEIVED

APR 21 2004

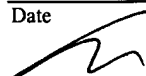
Technology Center 2600

CERTIFICATE OF MAILING

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April 15, 2004

Date



(Signature of person mailing papers)

Edouard Garcia

(Typed or printed name of person mailing papers)

Capybara

A viewfinder camera testbed

Amnon Silverstein, Ada Chan, Chetan Nandakumar



Capybara Team



Amnon Silverstein (ITD) Software Leader
Chetan Nandakumar (SEED) Software Development
Ada Chan (SEED) Software Development
Joyce Farrell (ITD) Project Manager

With help from:

Heather Bean (HID) Hardware Specialist
Neela Gaddis(CORL) Microdisplay Leader
Ken Nishimura(CORL) Microdisplay Hardware
Pierre Mertz (CORL) Microdisplay Hardware
Andy Patti (ITD) CAST Software
Yucel Altunbasak (ITD) CAST Software
Bob Gann (Greely) CAST Configuration
Susie Wee (VCD) Image Capture Software
Dan Tretter (ITD) Imaging Software
Xuemei Zhang (ITD) C++ Programming
Barry Bronson (HPL) Design Concept Advice

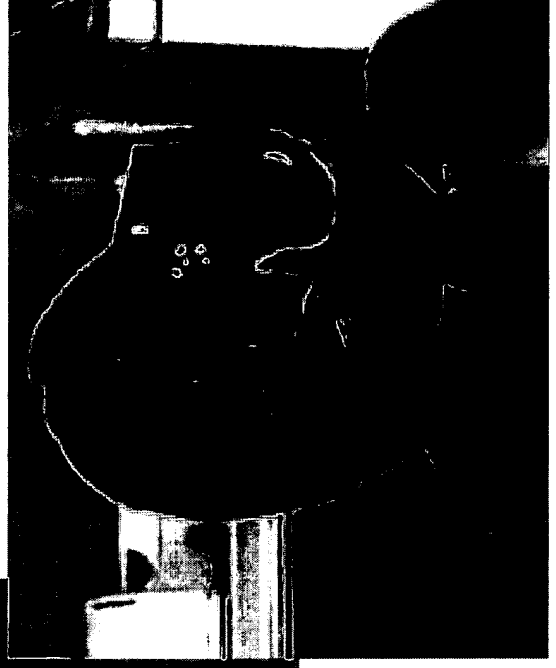
June



July

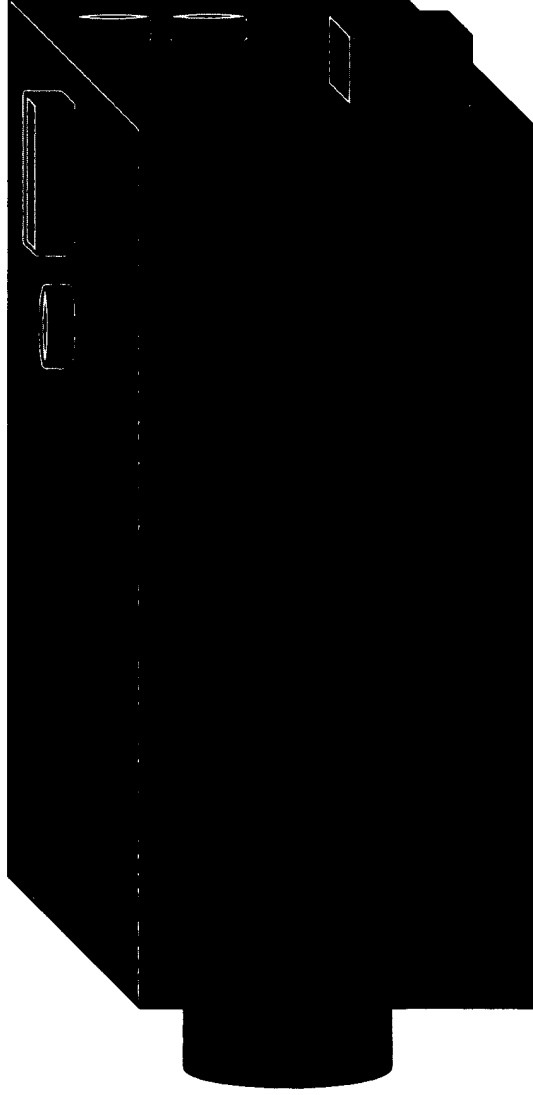


August

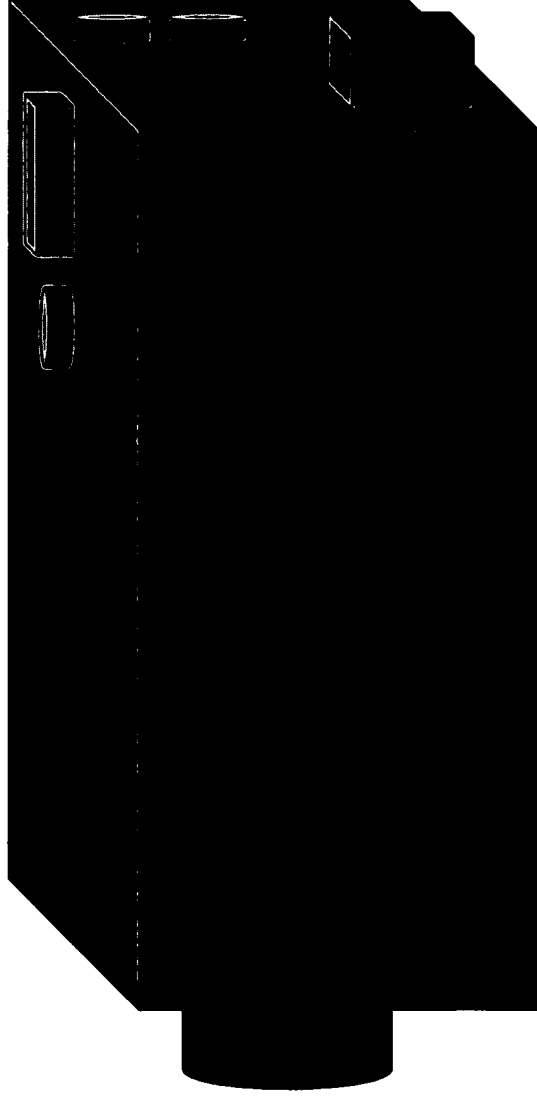


Summer 1999

Key Features

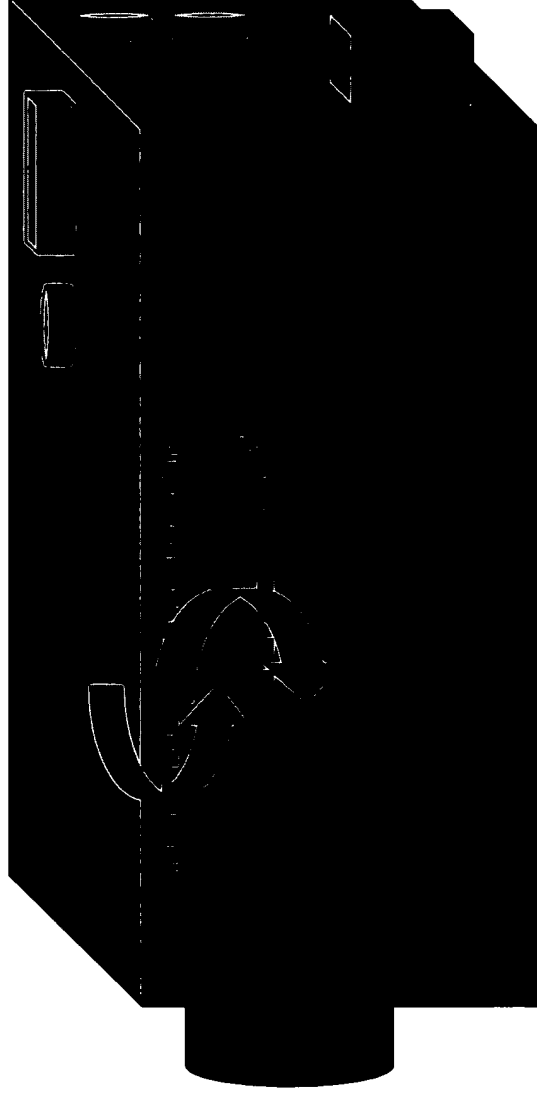


Key Features

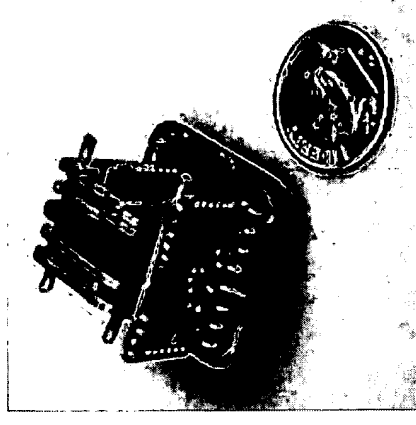


Camera sensor
is just a QuickCam

Key Features



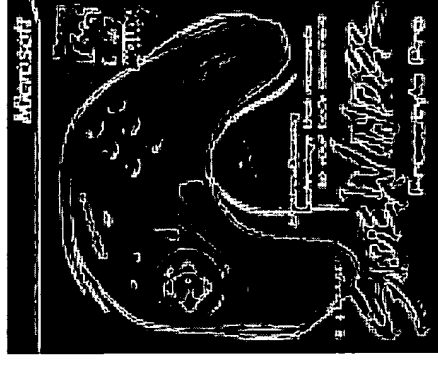
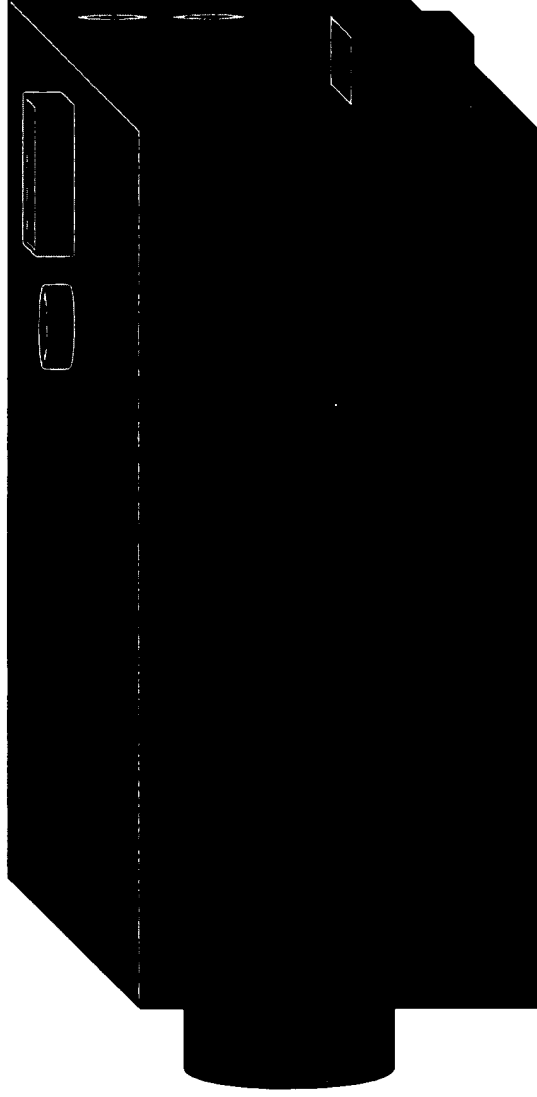
Micro-gyro sensor



**Gyraton
Microgyro**

Key Features

Pushbutton user interface



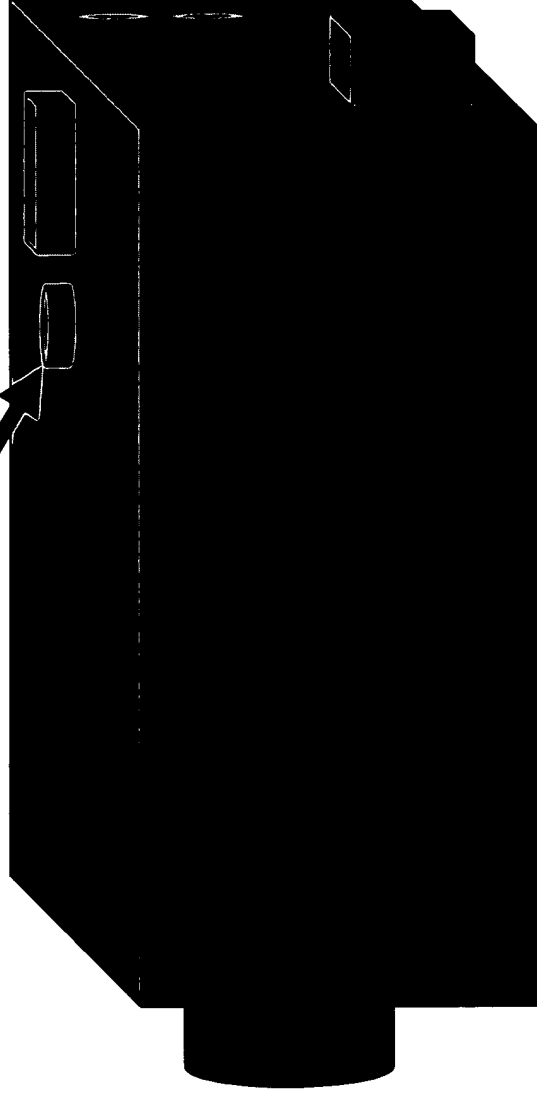
Key Features

Function toggle

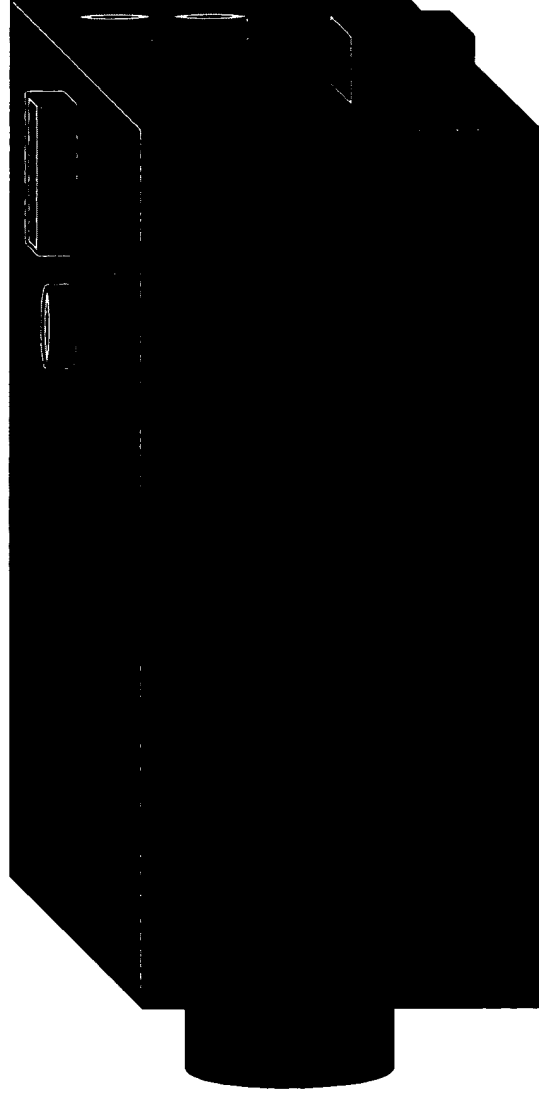
Rocker for smooth adjustments

Capture/Select

Mode

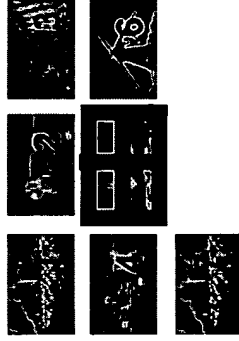


Key Features

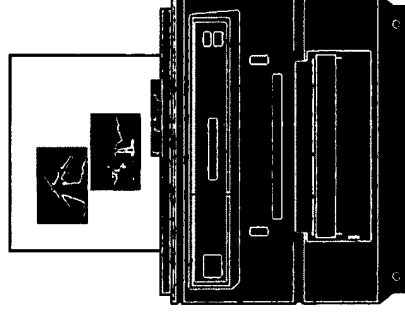
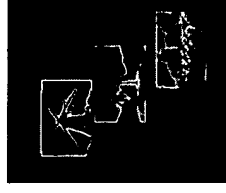


Microdisplay:
Much higher
resolution and
image quality
than a camcorder
display

Motion based UI



On board editing
and printing

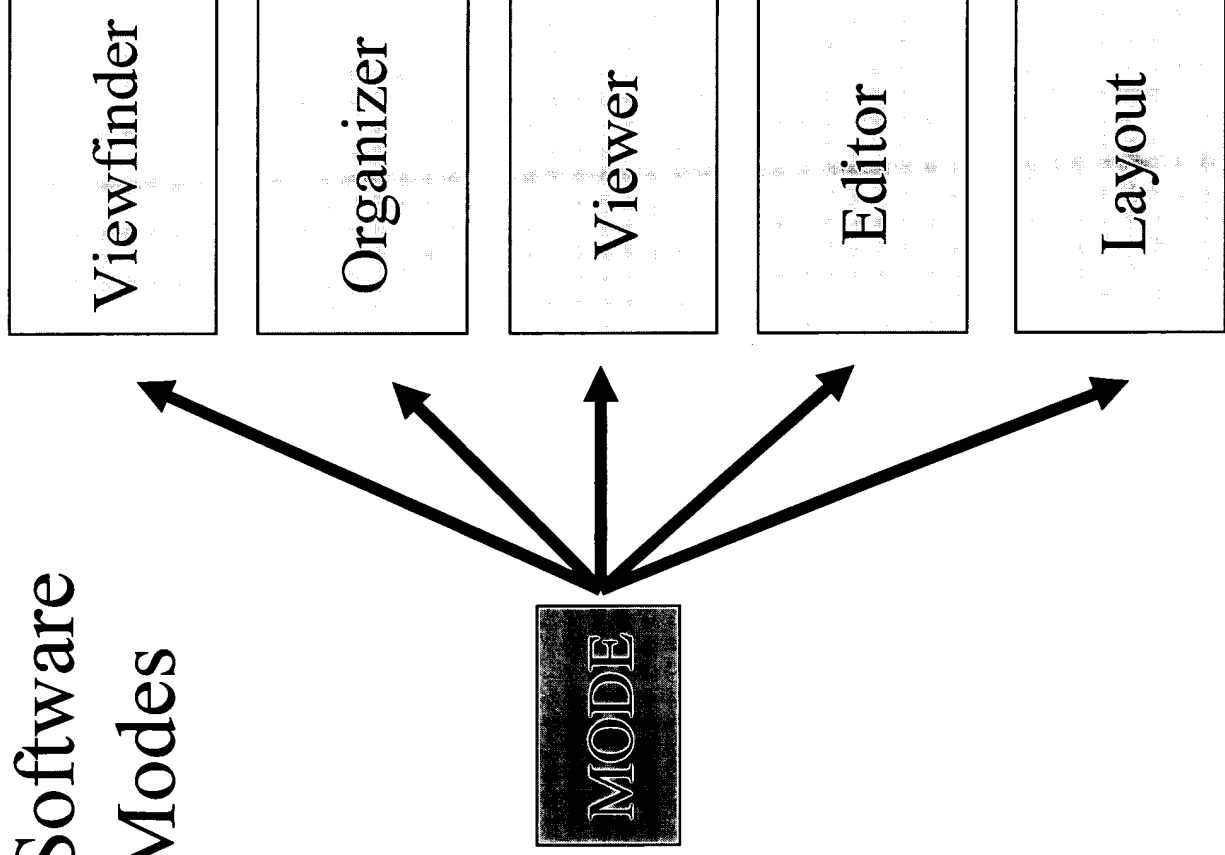


What's New?

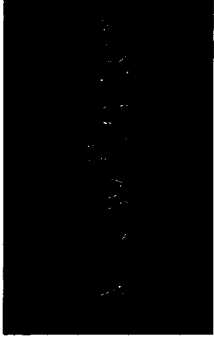
Panoramic capture
and review



Software Modes



Software Modes



- Closed circuit video
- Capture with SELECT
- Framing and status
- Zoom with ROCKER

Organizer

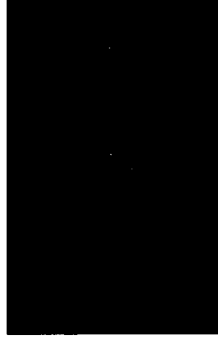
Viewer

Editor

Layout

Software Modes

Viewfinder



Viewer

Editor

Layout

- Thumbnail SELECT

- Function key chooses:

- Printing

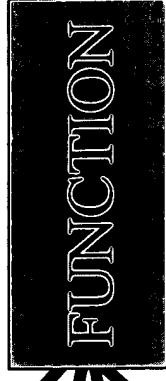
- Layout

- Delete

- Review

- Multi pages

- Albums



Software Modes

Viewfinder

Organizer



Editor

Layout

- Panoramic tracking

- Zoom ROCKER

Software Modes

Viewfinder

Organizer

Viewer



Layout

•Crop

•Color adjust

•Brightness

•Contrast

FUNCTION

```
graph TD; FUNCTION[FUNCTION] --> Crop[•Crop]; FUNCTION --> Color[•Color adjust]; FUNCTION --> Brightness[•Brightness]; FUNCTION --> Contrast[•Contrast];
```


Software Modes

Viewfinder

- SELECT layout

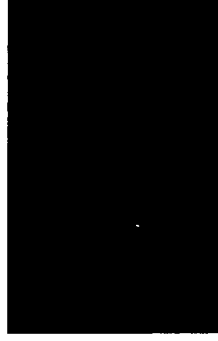
Organizer

- SELECT the images

Viewer

- Print

Editor



A New Camera Use Model

- Capture, store, index and review images with the camera
- Edit images with the camera
- Print directly from the camera

This is all possible because the new camera has high display quality and a motion sensor which allows an easy user interface.